WHAT IS CLAIMED IS:

1.   A method for generating a dynamic carbohydrate library comprising subjecting a carbohydrate scaffold to intramolecular acyl migration using a boronic acid selector.

2.   The method according to claim 1 wherein the carbohydrate scaffold is a monomeric carbohydrate.

3.   The method according to claim 1 wherein the carbohydrate scaffold is selected from the group consisting of dimmers and oligomers having monomers connected by an ester bond.

4.   The method according to claim 1 wherein the boronic acid selector is phenyl boronic acid.

5.   The method according to claim 1 wherein the generating is conducted in a basic medium.

6.   The method according to claim 1 wherein the carbohydrate scaffold is inositol.

7.   The method according to claim 7 wherein the inositol is *chiro*-inositol.